

In the claims:

Claims 1-9 cancelled.

10. (currently amended) A method for operating an internal combustion engine with oil lubrication and electronic fuel injection, the method comprising the steps of determining during operation of the internal combustion engine a flow of fuel mass (mkp_i_oel) entering an engine oil; determining a flow of fuel mass (mkp_ausg) evaporating out of oil; and determining a setpoint injected-fuel quantity (rk_ev) with taking into account the determined flow of fuel mass (mkg-ausg) revaporating out of oil.

11. (previously presented) A method as defined in claim 10; and further comprising determining a flow of fuel mass (mkp_ausgr) flowing into an intake manifold based on the determined flow of fuel mass evaporating out of the oil (mkp_saug); and taking the determined flow of fuel mass flowing into the intake manifold in the determination of the setpoint injected-fuel quantity (rk_ev).

12. (currently amended)) A method as defined in claim 10; and further comprising ~~during operation of the internal combustion engine,~~ determining ~~a flow of fuel mass (mkp_i_oel) entering an engine oil;~~ and to the flow of fuel mass (mkp_i_oel) taking into account at least one of the following influencing variables:

- Enrichment factors during start, a post-start phase, and/or warm-up

(fst_w, fnst_w, fwl_w) of the internal combustion engine

- Engine temperature (tmot) and/or oil temperature (toel)

- Engine speed (nmot)

- Load value (rl)

- A component temperature in the intake port

- Temperature in the combustion chamber

- Fuel type (KS)

- An assigned lambda setpoint value (LS)

13. (previously presented) A method as defined in claim 10; and further comprising in the determining of the flow of fuel mass (mkp_ausg), evaporating out of the engine oil, taking into account at least one of the following influencing variables.

- Oil temperature (toel)

- Oil temperature gradient over time

- Fuel mass in the oil (mk_i_oel)

- Fuel type (KS)

- Pressure in the crankcase (pk)

14. (previously presented) A method as defined in claim 10; and further comprising, in the determining of the flow of fuel mass (mkp_ausg)

entering the intake manifold, taking into account one of the following influencing variables:

- Pressure in the crankcase (p_k)
- Pressure in the intake manifold (p_s)
- Pressure upstream of a throttle valve (p_u)
- Position of a crankcase ventilation valve (SKEV)
- Temperature of the engine oil ($toel$)
- Concentration of the fuel gases in the crankcase due to blow-by gases

15. (previously presented) A method as defined in claim 10; and further comprising determining a fuel mass (mk_{i_ocl}) contained in an engine oil, by taking into account a flow of fuel mass (mkp_{i_oel} , mkp_{ausg}) entering the engine oil and evaporating out of the engine oil.

16. (previously presented) A method as defined in claim 11; and further comprising converting a value selected from the group consisting of the flow of fuel mass (mkp_{saugr}) flowing into the intake manifold or the flow of fuel mass (mkp_{ausg}) during evaporation, as a function of an engine speed, into an equivalent injected-fuel quantity; and subtracting from an uncorrected setpoint injected-fuel quantity, with a result being a corrected setpoint injected-fuel quantity rk_{ev} .

17. (previously presented) A method as defined in claim 10; and further comprising, if a second fuel type is also injected, calculating a fuel mass in the oil for the fuel type that was also injected.

18. (currently amended) A control unit for an internal combustion engine, the control unit is configured and programmed for use with a method for operating an internal combustion engine with oil lubrication and electronic fuel injection, the method comprising the steps of determining during operation of the internal combustion engine a flow of fuel mass ($m_{kp_i_oil}$) entering an engine oil; determining a flow of fuel mass (m_{kp_ausg}) evaporating out of oil; and determining a setpoint injected-fuel quantity (r_{k_ev}) with taking into account the determined flow of fuel mass (m_{kp_ausg}) evaporating out of oil.